



Justice Information Network

JIN COMMUNITY UPDATE

A report to the criminal justice community on issues of common interest

Volume 1, Number 4

September 1999

CJIA Executive Committee Meeting

*Rescheduled to
September 20th, 1999 at
10:00 a.m.*

*DIS Jefferson Building.
1110 Jefferson, 2nd floor
Conference Room
(see article below)*

JIC Meeting

*Next regularly scheduled
meeting is October 4,
1999 at 1:30 p.m., DIS
Boardroom*

For more information,
contact:

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WASIS/WACIC REWRITE

The Washington State Patrol (WSP) is about to roll-out the new W2 program that will be the replacement of the WASIS/WACIC database. The information in this brief is designed to describe the process that the WSP went through to decide on the scope of this project, and will give a general overview of the benefits that the entire justice community will gain.

Assessment of Customer Needs - In 1995, in a cooperative effort with the criminal justice community, the WSP distributed an extensive criminal history information survey to criminal justice practitioners throughout the state. Survey information was compiled and the WSP team met with a broad spectrum of criminal and public sector customers. These meetings identified current criminal history and crime information systems deficiencies and desired capabilities. After the survey and interview information was compiled, the WSP held several Joint Application Design meetings throughout the state to review the new requirements, gain additional insight and ideas and identify additional persons for future consultation.

New Criminal History and Crime Information Systems - The research revealed the current criminal history and crime information systems (WASIS and WACIC) are seriously outdated. WASIS/WACIC failed to provide sufficient officer safety information; identify persons ineligible to purchase firearms or hold positions involving children, the elderly or disabled; to adequately identify persons wanted, arrested, or convicted of domestic violence or stalking. These systems, which currently reside on inflexible platforms, will be replaced in October 1999 with a new WASIS/ WACIC system residing in a more flexible environment.

The current WASIS and WACIC are stand-alone systems where data is entered directly from terminals. As the cornerstone of the Justice Information Network (JIN), the new WASIS/WACIC system has the potential to receive on-line electronic fingerprints and demographic

JIN Web Site

The JIN web site is now in full production at:

www.wa.gov/dis/jin

data from jails at the time of arrest. The new systems will also accommodate interfaces between jail management, law enforcement records and automated fingerprint identification systems. Prosecutors and courts will have the potential to provide charge information, electronic warrants, protective orders and case record updates.

Roll-Out of W2

The WSP has nearly completed a \$4 million contract with Science Applications International Corporation (SAIC) to design and construct the new WASIS/WACIC computer system. The new system, currently in the final stages of reliability testing, is scheduled for implementation by October 15, 1999. The system was developed in the following three increments:

Increment One, completed in June 1997, included installation of dual Digital Equipment Corporation (DEC) AlphaServer 4100 servers with nonstop architecture, operating system, and CRIMEvue™ Version 1.0 software. CRIMEvue™ is the SAIC proprietary criminal history and crime information system on which the new WASIS/WACIC system was based.

Increment Two included a detailed project plan that specified project tasks, deliverables, milestones, status reports, requirements validation documentation, and CRIMEvue™ Technical Specification modified to meet WASIS/WACIC requirements. Increment Two was completed in late 1998.

Increment Three was devoted to enhancing CRIMEvue™ software to meet WASIS/WACIC requirements. System development work took place at SAIC's facilities in McLean, Virginia. Monthly project management status reports were provided and quarterly project technical progress reviews were conducted on-site in Virginia. Final CRIMEvue™ software and supplemental hardware was installed in June 1999.

Training Available

The WSP is conducting training at a variety of sites throughout the state. For additional information concerning the training schedule, please contact Al Lane, 360-705-5178.

Anticipated Results:

Following are the major anticipated benefits resulting from this project:

- System flexibility to accommodate modifications, enhancements and future growth requirements.
- Open architecture to facilitate interfaces with other criminal

justice systems.

- Facility to accommodate automated data entry via interfaces - JIN single entry.
- Complete and automatically updated court order information.

HIGHLIGHTS:

New WASIS criminal history system enhancements:

Summary rapsheet information with:

- ◆ Comprehensive easy-to-read format
- ◆ Conviction Summary
- ◆ Total number of "Failed to Appear" (FTA's)
- ◆ Ad hoc reporting capability upon request
- ◆ Provision to store mugshots with WASIS record (all sex offender information and mug shots were converted from the old systems)
- ◆ Automated "Charges Filed" tracking - data via Office of the Administrator for the Courts (OAC)
- ◆ Automate Judgment & Sentence Report and Disposition data transmission to WASIS from OAC

New WACIC crime information system enhancements:

1. Enhanced name search
 2. Standardized interface environment
 3. Ad hoc reports capability (upon request)
 4. Probation information
- Provides information that the subject is on probation or under corrections supervision, including conditions and probation officer information.
 - Proactively notifies community corrections and probation officers of the time and agency requesting the WACIC inquiry. Currently, probation officers must check a person's WASIS record to ascertain if he/she has been arrested. With the new WACIC, they will be notified by e-mail or via the ACCESS law enforcement telecommunications system.
 - When a person is placed on probation, the system will also proactively notify other probation and community corrections officers who are supervising the person for other courts.
5. Civil court orders information will be automatically transferred via the OAC interface to provide officers definitive decision making information for arrests and retention pertaining to restraining, anti-harassment, protection, no contact, SOAP (stay out of areas of prostitution), and SODA (stay out of drug area) orders.
 6. Sex offender registration and incarcerated persons information

will also be provided. **"Sex Offender" indicator** - Responses will provide information that the subject is a registered sex offender. The offender's constraints and registered address will be available with additional inquiry.

Note: The continued cooperative effort of criminal justice administrators is essential for Washington to develop many of the new WASIS/WACIC interactive features related to JIN. The success of this project is an example of what can be accomplished when administrators work cooperatively and share resources for the common good.

"A New Way to CATCH Bad Guys"

by Shane Peterson, as appears in *Government Technology Magazine*, Volume 12/Issue 10, August 1999

RICHLAND, Wash.-- Tracking down serial murderers and serial rapists is daunting for law enforcement agencies because such criminals seeming pick their victims at random and commit their crimes for unfathomable reasons.

The state of Washington, with the help of Pacific Northwest National Laboratory, is trying something different. Since the beginning of the year, the state's Attorney General's Office has been evaluating a powerful tool that uses artificial intelligence to analyze crime data.

Computer Aided Tracking and Characterization of Homicides (CATCH) is an artificial neural network designed to assist crime analysts in the investigation process. CATCH applies mathematical algorithms to data to analyze the connections between data. CATCH utilizes data compiled in Washington's Homicide Investigation Tracking System (HITS) database, which has detailed records on more than 7,000 homicides and nearly 9,000 sexual assaults.

"It's remarkable," said Bob LaMoria, program manager of the attorney general's HITS unit. "It shows a lot of promise and will be a fantastic tool once it's fully developed." -- Shane Peterson (Vol. 12/Issue 10, August, 1999, Government Technology Magazine.)

ON THE DOCKET FOR SEPTEMBER

Dennis Hausman, JIN Coordinator will be representing JIN at the 4th Annual Correctional Workshop in Vancouver, Washington, hosted by WASPC. He will also be traveling to Douglas County and Skamania Counties to speak with the Law and Justice Councils as well as visit

with the Information Technology departments in those counties.

CJIA Executive Committee Time and Date Change

The date of the CJIA Executive Committee Meeting has been changed for the month of September. This month, the meeting will be held on Monday, September 20, 1999. The location has been changed as well. The meeting will take place in the DIS Jefferson Building, located at 1110 Jefferson Street SE, in the 2nd Floor Conference Room.

A copy of the agenda will be posted to the JIN web site by September 15th.

(<http://www.wa.gov/dis/jin>, click on Meetings.)

Due to additional security at DIS, those of you planning to attend the Executive Committee Meeting will be required to enter the DIS Jefferson Building on the Jefferson Street (main entrance) side. When you enter, turn right and go to the Director's Office.

JIN BLUEPRINT AVAILABLE

The JIN Blueprint is now available on the Internet in PDF file format. It will be available in an HTML format sometime toward the end of this month. You can find the Blueprint at <http://www.wa.gov/dis/jin>, click on "Publications."